Disclosure about nuclear test

1525. SHRI NARESH GUJRAL: Will the PRIME MINISTER be pleased to state:

(a) Government's position on the disclosure under performance of thermonuclear tests in 1998 aired publicly by certain well known Indian Scientists;

(b) whether it would not damage our National Security; and

(c) if so, the action Government intends to take against those who have caused grave damage to our National interest?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN): (a) There were reports in the press expressing doubt raised by certain scientists regarding the under performance of the thermo-nuclear test conducted by India in 1998. The Atomic Energy Commission (AEC) after examining the issue in detail has released a statement confirming achievement of 50 ± 10 KT yield.

(a) No, Sir. There is no doubt about full success of nuclear tests carried out in May, 1998.

(c) In view of the answer to (b) above, this does not arise.

Installation of nuclear plants

†1526. SHRI LALIT KISHORE CHATURVEDI: Will the PRIME MINISTER be pleased to state:

(a) the number of atomic power plants and names of the places where they have been decided to be set up in the year 2009-10;

(b) the criteria for choosing the places;

(c) the names of the places, company with its country alongwith capacity and kind of reactor to be installed;

(d) their selection authority and criterion for selection;

(e) whether antecedents of these companies have been established;

(f) whether it is a fact that a French company has been awarded contract despite their blemished track record; and

(g) by when these reactors would start generating power by turning critical?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN): (a) The Government has accorded sanction for the construction of four reactors -KAPP-3&4 (2 x 700 MWe) at Kakrapar, Gujarat and RAPP- 7&8 (2x700 MWe) at Rawatbhata, Rajasthan in October, 2009. In addition, 'in principle' approval has been accorded in October, 2009, for sites for more nuclear power plants. The details of the location/ State / Reactor type and capacity are:

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†Original notice of the question was received in Hindi

Location	Reactor Type	Capacity (MWe)
Kumharia, Haryana	Indigenous Pressurised	4x700
Bargi, Madhya Pradesh	Heavy Water Reactors (PHWRs)	2 x 700
Kudankulam, Tamilnadu	Light Water Reactors (LWRs)	4x1000
Jaitapur, Maharashtra	based on international cooperation	6x1650
Chhayamithi Virdi, Gujarat		6x1000$
Kowada, Andhra Pradesh		6x1000$
Haripur, West Bengal		6 x 1000$

* Additional potential 2 x 1000 MWe already under construction.

$ Actual capacity will depend on the rating of the reactors selected.

(b) The sites have been chosen from among those offered by various state governments based on their suitability for locating nuclear power plants in accordance with the Atomic Energy Regulatory Board's code for Safety in Siting of nuclear power plants and regulations of the Ministry of Environment and Forests.

(c) and (d) The Government has designated the following sites for setting up LWRs in co-operation with the countries as follows:-Kudankulam and Haripur - Russian Federation Jaitapur - France Chhayamithi Virdhi & Kowada - USA

The reactors and companies involved are VVERs of Atomstroyexport (ASE), Russian Federation, EPRs of AREVA, France, ABWRs of General Electric Hitachi (GEH) & AP-1000 of Westinghouse Electric Company (WEC), USA.

(e) Yes, Sir.

(f) No, Sir.

(g) The units are planned to be constructed with a gestation period of about 6 years from first pour of concrete to commercial operation. The planning is to start work on the first set of twin units at these sites by 2012.

Atomic power units in Rajasthan

†1527. SHRI LALIT KISHORE CHATURVEDI: Will the PRIME MINISTER be pleased to state:

(a) whether Government had expressed its intention to set up atomic power units at Banswada in Rajasthan;

(b) if so, whether site has been selected for this;

(c) whether its detailed project has been prepared; and

(d) the time by when the work on Banswada Atomic Power Station would commence?

†Original notice of the question was received in Hindi